

Appendix D

NAACPPX 381

User:

Plan Name: CCJ-1 2023-10-17 11-30-34

Plan Type:

Population Summary

Wednesday, September 11, 2024

12:03 PM

District	Population	Deviation	% Devn.	[H18+_Pop]	[% H18+_Pop]	[18+_AP_Bl]	[% 18+_AP_Bl]	[NH18+_Wh]	[% NH18+_Wh]
1	745,670	-1	0.00%	35,824	6.1%	237,420	40.42%	297,776	50.7%
2	745,670	-1	0.00%	64,157	10.98%	140,209	24.01%	332,722	56.97%
3	745,671	0	0.00%	45,665	7.84%	154,700	26.55%	356,656	61.21%
4	745,671	0	0.00%	56,330	9.8%	124,857	21.73%	320,577	55.79%
5	745,671	0	0.00%	38,431	6.45%	111,648	18.73%	421,313	70.67%
6	745,671	0	0.00%	51,069	8.83%	111,667	19.31%	382,738	66.18%
7	745,671	0	0.00%	44,259	7.41%	93,234	15.61%	427,270	71.52%
8	745,671	0	0.00%	46,068	8.18%	96,004	17.05%	358,082	63.6%
9	745,671	0	0.00%	60,786	10.52%	129,182	22.36%	359,252	62.19%
10	745,670	-1	0.00%	53,640	9.22%	96,473	16.58%	404,468	69.52%
11	745,670	-1	0.00%	37,835	6.2%	23,682	3.88%	516,985	84.76%
12	745,670	-1	0.00%	87,967	15.16%	222,293	38.31%	229,032	39.47%
13	745,670	-1	0.00%	60,116	10.69%	109,385	19.45%	372,444	66.24%
14	745,671	0	0.00%	42,164	7.28%	92,298	15.93%	410,318	70.8%

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

CCJ-1 2023-10-17 11-30-34

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

User:
Plan Name: CCJ-1 2023-10-17 11-30-34
Plan Type:

Measures of Compactness Report

Wednesday, September 11, 2024

12:02 PM

Number of cut edges: 6,073

	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg	Perimeter
Mean	0.39	0.25	0.72	1.92	
Min	0.28	0.14	0.57	1.49	
Max	0.59	0.35	0.85	2.46	
Std. Dev.	0.09	0.06	0.08	0.27	
Sum					5,882.36

Higher Number is Better

Lower Number is Better

District	Reock	Polsby-Popper	Area/Convex Hull	Schwartzberg	Perimeter
1	0.42	0.27	0.73	1.77	659.81
2	0.49	0.27	0.77	1.79	137.97
3	0.29	0.19	0.64	2.03	809.18
4	0.45	0.25	0.77	1.90	231.94
5	0.30	0.23	0.69	1.97	479.85
6	0.41	0.29	0.73	1.80	269.65
7	0.45	0.35	0.78	1.49	439.32
8	0.37	0.28	0.71	1.76	413.79
9	0.38	0.16	0.68	2.28	505.92
10	0.28	0.28	0.69	1.83	296.08
11	0.30	0.27	0.85	1.67	539.00
12	0.59	0.28	0.82	1.81	110.77
13	0.38	0.14	0.57	2.46	580.90
14	0.32	0.17	0.58	2.34	408.18

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.
Area / Convex Hull	The measure is always between 0 and 1, with 1 being the most compact.
Schwartzberg	The measure is usually greater than or equal to 1, with 1 being the most compact.
Perimeter	The Perimeter test computes one number for the whole plan. If you are comparing several plans, the plan with the smallest total perimeter is the most compact.

Political Subdivision Splits Between Districts

Wednesday, September 11, 2024

12:03 PM

Number of subdivisions not split:

County	90
Voting District	2,648

Number of subdivisions split into more than one district:

County	10
Voting District	18

Number of splits involving no population:

County	0
Voting District	0

Split Counts

County

Cases where an area is split among 2 Districts: 7

Cases where an area is split among 3 Districts: 3

Voting District

Cases where an area is split among 2 Districts: 18

County	Voting District	District	Population
<i>Split Counties:</i>			
Cabarrus NC		6	101,258
Cabarrus NC		8	124,546
Chatham NC		4	40,640
Chatham NC		9	35,645
Cumberland NC		3	191,667
Cumberland NC		9	143,061
Forsyth NC		6	108,247
Forsyth NC		10	274,343
Granville NC		1	10,818
Granville NC		13	50,174
Guilford NC		5	264,080
Guilford NC		6	177,649
Guilford NC		9	99,570
Mecklenburg NC		8	117,166
Mecklenburg NC		12	745,670
Mecklenburg NC		14	252,646
Polk NC		11	5,779
Polk NC		14	13,549
Robeson NC		7	38,268
Robeson NC		8	78,262
Wake NC		2	745,670
Wake NC		4	231,502
Wake NC		13	152,238

Political Subdivision Splits Between Districts

CCJ-1 2023-10-17 11-30-34

County	Voting District	District	Population
<i>Split VTDs:</i>			
Cabarrus NC	12-13	6	7,807
Cabarrus NC	12-13	8	199
Chatham NC	EAST WILLIAMS	4	1,496
Chatham NC	EAST WILLIAMS	9	3,670
Cumberland NC	CROSS CREEK 14	3	81
Cumberland NC	CROSS CREEK 14	9	4,129
Forsyth NC	WALKERTOWN LIBRARY	6	466
Forsyth NC	WALKERTOWN LIBRARY	10	4,161
Granville NC	00SALM	1	1,252
Granville NC	00SALM	13	1,118
Guilford NC	JEF2	5	1,034
Guilford NC	JEF2	9	3,768
Guilford NC	NDRI	5	1,658
Guilford NC	NDRI	6	2,323
Mecklenburg NC	103	8	3,454
Mecklenburg NC	103	12	854
Mecklenburg NC	121	8	1,071
Mecklenburg NC	121	14	4,030
Mecklenburg NC	217	8	869
Mecklenburg NC	217	12	3,619
Mecklenburg NC	232	8	567
Mecklenburg NC	232	14	6,741
Polk NC	WHITE OAK	11	1,850
Polk NC	WHITE OAK	14	452
Wake NC	04-10	2	1,273
Wake NC	04-10	4	2,691
Wake NC	09-02	2	5,777
Wake NC	09-02	13	647
Wake NC	10-03	2	4,537
Wake NC	10-03	13	154
Wake NC	10-04	2	11,667
Wake NC	10-04	13	1,171
Wake NC	16-01	2	4,020
Wake NC	16-01	13	1,364
Wake NC	16-09	2	5,059
Wake NC	16-09	13	1,648

User:

Plan Name: CCJ-1 2023-10-17 11-30-34

Plan Type:

Communities of Interest (Landscape, 11x8.5)

Wednesday, September 11, 2024

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City/Town	District	Population	%
Archdale NC	6	130	1.1
Archdale NC	9	11,777	98.9
Barker Ten Mile NC	7	93	9.9
Barker Ten Mile NC	8	844	90.1
Beech Mountain NC	11	62	9.2
Beech Mountain NC	5	613	90.8
Candor NC	8	813	100.0
Candor NC	9	0	0.0
Cary NC	13	3,777	2.2
Cary NC	2	84,668	48.5
Cary NC	4	83,005	47.5
Cary NC	9	3,271	1.9
Charlotte NC	12	709,319	81.1
Charlotte NC	14	102,162	11.7
Charlotte NC	8	63,098	7.2
Clemmons NC	10	7,233	34.2
Clemmons NC	6	13,930	65.8
Columbus NC	11	0	0.0
Columbus NC	14	1,060	100.0
Concord NC	6	47,474	45.1
Concord NC	8	57,766	54.9

Communities of Interest (Landscape, 11x8.5)

CCJ-1 2023-10-17 11-30-34

City/Town	District	Population	%
Davidson NC	10	378	2.5
Davidson NC	14	14,728	97.5
Durham NC	2	269	0.1
Durham NC	4	283,237	99.9
Fairmont NC	7	2,191	100.0
Fairmont NC	8	0	0.0
Fayetteville NC	3	79,356	38.1
Fayetteville NC	9	129,145	61.9
Fuquay-Varina NC	13	21,759	63.7
Fuquay-Varina NC	4	12,393	36.3
Garner NC	13	3,901	12.5
Garner NC	2	27,258	87.5
Germanton NC	10	493	62.4
Germanton NC	5	297	37.6
Greensboro NC	5	224,189	75.0
Greensboro NC	6	63,407	21.2
Greensboro NC	9	11,439	3.8
Grifton NC	1	147	6.0
Grifton NC	3	2,301	94.0
Hickory NC	10	43,379	99.7
Hickory NC	14	79	0.2
Hickory NC	5	32	0.1
High Point NC	6	113,933	99.9
High Point NC	9	126	0.1
Holly Springs NC	13	6,049	14.7

Communities of Interest (Landscape, 11x8.5)

CCJ-1 2023-10-17 11-30-34

City/Town	District	Population	%
Holly Springs NC	4	35,190	85.3
Jamestown NC	6	7	0.2
Jamestown NC	9	3,661	99.8
Kannapolis NC	6	52,324	98.5
Kannapolis NC	8	790	1.5
Kenly NC	1	198	13.3
Kenly NC	13	1,293	86.7
Kernersville NC	10	0	0.0
Kernersville NC	5	82	0.3
Kernersville NC	6	26,367	99.7
King NC	10	591	8.2
King NC	5	6,606	91.8
Long View NC	10	4,353	85.6
Long View NC	14	735	14.5
Lumberton NC	7	14,048	73.8
Lumberton NC	8	4,977	26.2
Matthews NC	12	3,619	12.3
Matthews NC	8	25,816	87.7
Mebane NC	4	3,171	17.8
Mebane NC	9	14,626	82.2
Mint Hill NC	12	3,903	14.8
Mint Hill NC	8	22,547	85.2
Morrisville NC	2	10,457	35.3
Morrisville NC	4	19,173	64.7
Mount Olive NC	1	4,193	99.9

Communities of Interest (Landscape, 11x8.5)

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City/Town	District	Population	%
Mount Olive NC	3	5	0.1
Oxford NC	1	8,485	98.3
Oxford NC	13	143	1.7
Pineville NC	12	2,700	25.5
Pineville NC	14	7,902	74.5
Raleigh NC	13	1,532	0.3
Raleigh NC	2	464,574	99.3
Raleigh NC	4	1,559	0.3
Red Springs NC	8	3,087	100.0
Red Springs NC	9	0	0.0
Rhodhiss NC	14	639	64.1
Rhodhiss NC	5	358	35.9
Rolesville NC	13	3,974	41.9
Rolesville NC	2	5,501	58.1
Rougemont NC	13	169	16.9
Rougemont NC	4	832	83.1
Rutherford College NC	14	1,226	100.0
Rutherford College NC	5	0	0.0
Seven Devils NC	11	38	12.1
Seven Devils NC	5	275	87.9
Stony Point NC	10	160	14.0
Stony Point NC	5	986	86.0
Summerfield NC	5	8,442	77.1
Summerfield NC	9	2,509	22.9
Thomasville NC	6	26,662	98.1

Communities of Interest (Landscape, 11x8.5)

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City/Town	District	Population	%
Thomasville NC	9	521	1.9
Tobaccoville NC	10	2,578	100.0
Tobaccoville NC	5	0	0.0
Wake Forest NC	13	14,978	31.5
Wake Forest NC	2	32,623	68.5
Walkertown NC	10	4,611	81.0
Walkertown NC	6	1,081	19.0
Wallace NC	3	3,413	100.0
Wallace NC	7	0	0.0
Wendell NC	13	28	0.3
Wendell NC	2	9,765	99.7
Winston-Salem NC	10	215,596	86.4
Winston-Salem NC	6	33,949	13.6
Zebulon NC	13	2,235	32.4
Zebulon NC	2	4,668	67.6

City/Town	-- Listed by District	
	Population	%
Grifton NC (part)	147	6.0
Kenly NC (part)	198	13.3
Oxford NC (part)	8,485	98.3
District 1 Totals	339,057	
Cary NC (part)	84,668	48.5
Durham NC (part)	269	0.1
Garner NC (part)	27,258	87.5
Morrisville NC (part)	10,457	35.3
Raleigh NC (part)	464,574	99.3
Rolesville NC (part)	5,501	58.1
Wake Forest NC (part)	32,623	68.5
Zebulon NC (part)	4,668	67.6
District 2 Totals	659,218	
Fayetteville NC (part)	79,356	38.1
Grifton NC (part)	2,301	94.0
Mount Olive NC (part)	5	0.1
District 3 Totals	409,330	

Communities of Interest (Landscape, 11x8.5)

CCJ-1 2023-10-17 11-30-34

	Population	%
Cary NC (part)	83,005	47.5
Fuquay-Varina NC (part)	12,393	36.3
Holly Springs NC (part)	35,190	85.3
Mebane NC (part)	3,171	17.8
Morrisville NC (part)	19,173	64.7
Raleigh NC (part)	1,559	0.3
Rougemont NC (part)	832	83.1
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District 4 Totals	608,621	
Beech Mountain NC (part)	613	90.8
Germanton NC (part)	297	37.6
Greensboro NC (part)	224,189	75.0
Hickory NC (part)	32	0.1
Kernersville NC (part)	82	0.3
King NC (part)	6,606	91.8
Rhodhiss NC (part)	358	35.9
Rutherford College NC (part)	0	0.0
Seven Devils NC (part)	275	87.9
Stony Point NC (part)	986	86.0
Summerfield NC (part)	8,442	77.1
Tobaccoville NC (part)	0	0.0
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District 5 Totals	415,262	

	Population	%
Archdale NC (part)	130	1.1
Clemmons NC (part)	13,930	65.8
Concord NC (part)	47,474	45.1
Greensboro NC (part)	63,407	21.2
Jamestown NC (part)	7	0.2
Kannapolis NC (part)	52,324	98.5
Thomasville NC (part)	26,662	98.1
Walkertown NC (part)	1,081	19.0
Winston-Salem NC (part)	33,949	13.6
District 6 Totals	488,512	
Barker Ten Mile NC (part)	93	9.9
Lumberton NC (part)	14,048	73.8
Wallace NC (part)	0	0.0
District 7 Totals	444,411	
Barker Ten Mile NC (part)	844	90.1
Charlotte NC (part)	63,098	7.2
Concord NC (part)	57,766	54.9
Fairmont NC (part)	0	0.0
Kannapolis NC (part)	790	1.5
Lumberton NC (part)	4,977	26.2
Matthews NC (part)	25,816	87.7
Mint Hill NC (part)	22,547	85.2
District 8 Totals	469,887	

Communities of Interest (Landscape, 11x8.5)

CCJ-1 2023-10-17 11-30-34

	Population	%
Archdale NC (part)	11,777	98.9
Candor NC (part)	0	0.0
Cary NC (part)	3,271	1.9
Fayetteville NC (part)	129,145	61.9
Greensboro NC (part)	11,439	3.8
High Point NC (part)	126	0.1
Mebane NC (part)	14,626	82.2
Red Springs NC (part)	0	0.0
Summerfield NC (part)	2,509	22.9
Thomasville NC (part)	521	1.9
District 9 Totals	434,873	
Clemmons NC (part)	7,233	34.2
Davidson NC (part)	378	2.5
Germanton NC (part)	493	62.4
Kernersville NC (part)	0	0.0
King NC (part)	591	8.2
Long View NC (part)	4,353	85.6
Stony Point NC (part)	160	14.0
Walkertown NC (part)	4,611	81.0
Winston-Salem NC (part)	215,596	86.4
District 10 Totals	471,358	
Beech Mountain NC (part)	62	9.2
Columbus NC (part)	0	0.0
Seven Devils NC (part)	38	12.1
District 11 Totals	285,599	

Communities of Interest (Landscape, 11x8.5)

CCJ-1 2023-10-17 11-30-34

	Population	%
Charlotte NC (part)	709,319	81.1
Matthews NC (part)	3,619	12.3
Mint Hill NC (part)	3,903	14.8
Pineville NC (part)	2,700	25.5
District 12 Totals	719,541	
Cary NC (part)	3,777	2.2
Fuquay-Varina NC (part)	21,759	63.7
Garner NC (part)	3,901	12.5
Holly Springs NC (part)	6,049	14.7
Kenly NC (part)	1,293	86.7
Oxford NC (part)	143	1.7
Raleigh NC (part)	1,532	0.3
Rolesville NC (part)	3,974	41.9
Rougemont NC (part)	169	16.9
Wake Forest NC (part)	14,978	31.5
Wendell NC (part)	28	0.3
Zebulon NC (part)	2,235	32.4
District 13 Totals	243,136	
Charlotte NC (part)	102,162	11.7
Davidson NC (part)	14,728	97.5
Hickory NC (part)	79	0.2
Long View NC (part)	735	14.5
Pineville NC (part)	7,902	74.5
Rhodhiss NC (part)	639	64.1
Spencer Mountain NC	0	0.0
District 14 Totals	471,753	

Summary Statistics

Number of City/Town not split	720
Number of City/Town split	54
Number of City/Town split in 2	48
Number of City/Town split in 3	5
Number of City/Town split in 4	1
Total number of splits	115